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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

I. HEADING

DATE: September 24, 2001

SUBJECT: POLREP for the Dead Creek Sediment Removal Site, Sauget, St. Clair County, Illinois

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POLREP #: POLREP #5 - PRP Lead

II. BACKGROUND

Response Authority: CERCLA
NPL Status: Non-NPL
Latitude: 38°34'37"N
Longitude: 90°10'47"W
State Notification: November, 2000
Start Date: November, 2000
Completion Date: December 31, 2001 (anticipated)

III. SITE INFORMATION

A. Incident Category

Sediment removal from a creek bed.

B. Site Description

1. Site location

See initial POLREP for details.

2. Description of threat

See initial POLREP for details.

3. Site background

See initial POLREP for details.

IV. SITE INFORMATION

A. Situation

1. Response activities to date

- The creek bypass system was installed after excavating through streets and placing culverts under them.
- Sediment traps were installed in all segments of the creek, culverts that were fully or partially blocked were cleaned out, and brush and debris were removed from the creek starting with Segment B.
- Safety fences were installed around the creek from Segment B to near Parks College in Segment E and a low-flow channel was dug in Segments D-F to collect water in the middle of the creek and allow sediments near the sides of the creek to dry.
- Grading of the site for the TSCA cell was completed, construction of the walls was completed, riprap and gravel were placed in the bottom of the cell, and .
- Sediment from Site M and Segment E were stockpiled in a containment area in Segment B and Site M was graded and seeded with grass.
- Ten groundwater monitoring wells were installed and purged. The storm water treatment tanks were put in place and the utility trench was completed for the piping and utilities to run from the cell to the tanks.

The TSCA cell was completed and a completion meeting was held on September 19, 2001. Initial groundwater sampling was completed. Approximately 15,000 cubic yards of sediment has been stockpiled and a larger sediment screener was brought in to increase the volume of sediment that can be screened daily.

B. Planned Removal Activities

Beginning on September 25, 2001, an estimated 50,000 cubic yards of contaminated sediment will be removed from the creek and transferred to a TSCA cell that has been constructed just northwest of where Dead Creek passes underneath Judith Street.

C. Next Steps

- Begin placing sediments from Site M and Segments B, C, D, E, and F into the cell.
- Continue dewatering the channel.

D. Key Issues

Heavy rains impeded efforts to complete the TSCA cell. Cold weather late in the year may slow sediment placement in the cell and prevent completion of the project prior to freezing weather.

V. COSTS

This removal action is being performed by a PRP under the direction of the U.S. EPA. At this time, the U.S. EPA is not knowledgeable of the costs associated with this removal action.